

**COLORADO DISCHARGE PERMIT SYSTEM (CDPS)**  
**FACT SHEET TO MODIFICATION 2**  
**PERMIT NUMBER CO0000004**  
**CH2M HILL ENGINEERS, INC.,**  
**METRO WASTEWATER RECLAMATION DISTRICT NORTHERN TREATMENT PLANT**  
**WELD COUNTY**

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**I. TYPE OF PERMIT**

- A. Permit Type:** Individual Industrial Permit
- B. Discharge To:** Surface Water

**II. FACILITY INFORMATION**

- A. SIC Code:** 1799 Groundwater Dewatering/Remediation
- B. Facility Classification:** Class D per Section 100.5.2 of the Water and Wastewater Facility Operator Certification Requirements
- C. Facility Location:** Latitude: 40.005°N, Longitude: 104.822°W
- D. Permitted Feature:** 001A: 40°00'30" N, 104°49'24" W  
002A: 40°00'15" N, 104°49'25" W  
003A: 40°00'04" N, 104°49'33" W

**Total flow discharge is set to 4 MGD regardless if multiple outfalls are operated at the same time.**

The location(s) provided above will serve as the point(s) of compliance for this permit and are appropriate as they are located after all treatment and prior to discharge to the receiving water.

- E. Facility Flows:** 4 MGD

**III. PURPOSE OF MODIFICATION**

This modification is being completed to address the request received by the Division on April 15, 2013 from the permittee to consider the option of allowing a blending source to meet the TIN limitation, in particular potable water from the City of Brighton, when/if needed.

Also, in another minor modification request dated April 26, 2013, the facility reported that the location of Outfall 003A was shifted to the following coordinates” Latitude: 40 00 8.73111N; Longitude 104 49 27.29901. The facility also requested that the flow monitoring be changed to instantaneous rather than continuous since the discharge is anticipated to be intermittent starting May 2013.

#### IV. CHANGES TO PERMIT

The Division has granted the request to recognize blending with potable water. Since the new source may contain Total Residual Chlorine (TRC), the Division calculated applicable limits for TRC (see below). Note that the Division did not create an internal outfall for the potable water for its TRC content since the water quality limitations for TRC are more protective of the technology-based limitation of 0.5 mg/l.

Since the facility may or may not use the blending option, the Division added a new permits limits table with TRC requirements included in the Table (See Table entitled “**Permitted Feature 001A/002A/003A (when blended with portable water)**”) in Section I.A.2.

Chronic TRC limits

<i>Parameter</i>	<i>Q<sub>1</sub> (cfs)</i>	<i>Q<sub>2</sub> (cfs)</i>	<i>Q<sub>3</sub> (cfs)</i>	<i>M<sub>1</sub></i>	<i>M<sub>3</sub></i>	<i>M<sub>2</sub></i>
TRC (mg/l)	154	6.2	160.2	0	0.011	<b><i>0.28</i></b>

Acute TRC limits

<i>Parameter</i>	<i>Q<sub>1</sub> (cfs)</i>	<i>Q<sub>2</sub> (cfs)</i>	<i>Q<sub>3</sub> (cfs)</i>	<i>M<sub>1</sub></i>	<i>M<sub>3</sub></i>	<i>M<sub>2</sub></i>
TRC (mg/l)	110	6.2	116.2	0	0.019	<b><i>0.36</i></b>

The location of Outfall 003A has been changed to the above mentioned coordinates, and the flow monitoring requirement has been changed to ‘instantaneous’ since the flow is intermittent. With this change, the Division changed the sample type for flow to ‘In-Situ’.

Kenan Diker  
May 1, 2013

#### V. PUBLIC NOTICE COMMENTS

The public notice period was from May 17, 2013 to June 17, 2012. No comments were received during the public notice period.

Kenan Diker  
June 18, 2013